Title (en)

Fractionating process for oil and gas from a petroleum oil field effluent.

Title (de)

Verfahren zum Fraktionieren von Öl und Gas aus einem Produktstrom eines Ölgewinnungsfeldes.

Title (fr)

Procédé de fractionnement d'huile et de gaz sur un effluent de gisement pétrolier.

Publication

EP 0530062 B1 19950705 (FR)

Application

EP 92402135 A 19920723

Priority

FR 9110230 A 19910808

Abstract (en)

[origin: FR2680200A1] A method is described for fractionating oil and gas from an oil deposit effluent, which comprises: (a) a step of separating the liquid and gas phases at the pressure P1 of removal of the gas, producing, on the one hand, a gas fraction G1 which is removed and, on the other hand, a liquid fraction L1 consisting at least partly of oil, the said liquid fraction L1 being sent to step (b); (b) at least one distillation step carried out at a pressure P2 less than or at most equal to the pressure P1 of step (a), in a distillation zone C1 including an internal heat-exchange zone and a reboiling zone, and making it possible to collect, on the one hand, a gas fraction G2 and, on the other hand, a liquid fraction L2 which is sent into the said internal heat-exchange zone then removed; and (c) at least one step of recompression of at least a part of the gas fraction G2 which is at least partly mixed with the gas fraction G1 and removed. <IMAGE>

IPC 1-7

C10G 7/00; B01D 3/06; B01D 1/06; C10G 5/06

IPC 8 full level

B01D 1/28 (2006.01); **B01D 3/00** (2006.01); **B01D 19/00** (2006.01); **C10G 5/06** (2006.01); **C10G 7/00** (2006.01); **E21B 43/34** (2006.01)

CPC (source: EP US)

B01D 1/2812 (2013.01 - EP US); **B01D 3/00** (2013.01 - EP US); **B01D 19/00** (2013.01 - EP US); **C10G 5/06** (2013.01 - EP US); **C10G 7/00** (2013.01 - EP US); **E21B 43/34** (2013.01 - EP US)

Cited by

FR2708663A1; WO9504116A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

FR 2680200 A1 19930212; **FR 2680200 B1 19931029**; CA 2075562 A1 19930209; CA 2075562 C 20030422; DK 0530062 T3 19950911; EP 0530062 A1 19930303; EP 0530062 B1 19950705; NO 179398 B 19960624; NO 179398 C 19961002; NO 923093 D0 19920806; NO 923093 L 19930209; US 5389242 A 19950214

DOCDB simple family (application)

FR 9110230 A 19910808; CA 2075562 A 19920807; DK 92402135 T 19920723; EP 92402135 A 19920723; NO 923093 A 19920806; US 92569892 A 19920807